

POWER TONNEAU COVER ACTUATOR

Abstract of the Disclosure

5 The present invention provides a power assisted cover actuator for operating
a tonneau cover for an open bed of a truck, such as a pickup truck. The cover is
hingably coupled to a distal end of the truck bed adjacent the truck cab. The power
assisted cover actuator in accordance with an embodiment of the present invention
comprises a track upon which a trolley is guided by a linear actuator. An end of an
10 arm is pivotally coupled to the trolley and the cover. The linear actuator comprises
a motor driven drive rod coupled to the trolley that extends to advance the trolley
along the track from a lower position to a higher position which raises the arm to
push the cover open. Retracting the drive rod reverses the direction of travel of the
trolley from a higher position to a lower position lowering the arm and closing the
15 cover.